

Title (en)

SWITCHING DEVICE FOR ELECTRIC POWER DISTRIBUTION

Title (de)

SCHALTVORRICHTUNG ZUR ELEKTRISCHEN LEISTUNGSVERTEILUNG

Title (fr)

DISPOSITIF DE COMMUTATION POUR LA DISTRIBUTION D'ÉNERGIE ÉLECTRIQUE

Publication

EP 3876256 A1 20210908 (EN)

Application

EP 20177431 A 20200529

Priority

IN 202031009485 A 20200305

Abstract (en)

A switching device (100) for opening and closing a circuit is provided. The switching device comprises an enclosure (102) filled with an insulating gas. The switching device comprises a stationary contact (110) disposed in the enclosure; and a movable contact (102) arranged inside the enclosure. The switching device comprises an actuating arrangement (124) to reciprocate the movable contact to move linearly. The switching device comprises a rigid conductive member (118), having a first end (118a) and a second end (118b), fixedly connected to the movable contact at the first end thereof to reciprocate therewith. The rigid conductive member is adapted to engage in electrical connection with the stationary contact at the second end thereof when the movable contact is in a first position for closing the circuit and is out of engagement with the stationary contact when the movable contact is in a second position for opening the circuit.

IPC 8 full level

H01H 33/66 (2006.01); **H01H 1/38** (2006.01); **H01H 1/58** (2006.01); **H01H 33/12** (2006.01); **H01H 33/56** (2006.01)

CPC (source: EP)

H01H 1/385 (2013.01); **H01H 1/5833** (2013.01); **H01H 1/5866** (2013.01); **H01H 33/125** (2013.01); **H01H 33/6606** (2013.01); **H01H 2001/5827** (2013.01); **H01H 2033/566** (2013.01)

Citation (applicant)

- US 6310310 B1 20011030 - WRISTEN CECIL C [US]
- US 5530216 A 19960625 - BENKE JAMES J [US], et al

Citation (search report)

- [X] DE 102007038898 B3 20081120 - SIEMENS AG [DE]
- [A] WO 2011020507 A1 20110224 - SIEMENS AG [DE], et al
- [A] EP 0634765 A1 19950118 - EATON CORP [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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